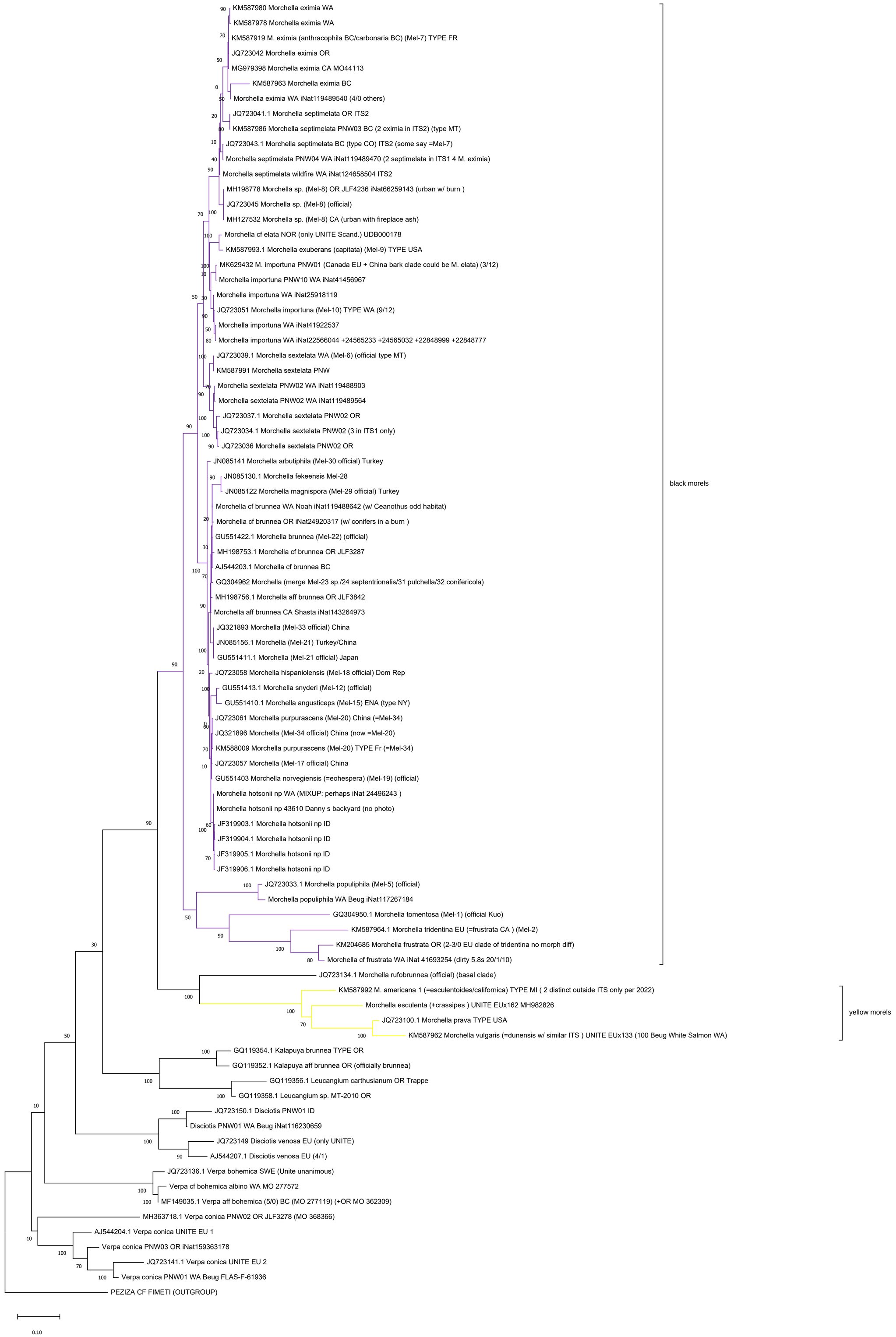
KM587980 Morchella eximia WA
KM587978 Morchella eximia WA
KM587919 M. eximia (anthracophila BC/carbonaria BC) (Mel-7) TYPE FR
JQ723042 Morchella eximia OR
MG979398 Morchella eximia CA MO44113
KM587963 Morchella eximia BC
Morchella eximia WA iNat119489540 (4/0 others)
JQ723041.1 Morchella septimelata OR ITS2
KM587986 Morchella septimelata PNW03 BC (2 eximia in ITS2) (type MT)
JQ723043.1 Morchella septimelata BC (type CO) ITS2 (some say =Mel-7)
Morchella septimelata PNW04 WA iNat119489470 (2 septimelata in ITS1 4 M. eximia)
Morchella septimelata wildfire WA iNat124658504 ITS2
MH198778 Morchella sp. (Mel-8) OR JLF4236 iNat66259143 (urban w/ burn)
JQ723045 Morchella sp. (Mel-8) (official)
MH127532 Morchella sp. (Mel-8) CA (urban with fireplace ash)
Morchella cf elata NOR (only UNITE Scand.) UDB000178
KM587993.1 Morchella exuberans (capitata) (Mel-9) TYPE USA
MK629432 M. importuna PNW01 (Canada EU + China bark clade could be M. elata) (3/12)
Morchella importuna PNW10 WA iNat41456967
Morchella importuna WA iNat25918119
JQ723051 Morchella importuna (Mel-10) TYPE WA (9/12)
Morchella importuna WA iNat41922537
Morchella importuna WA iNat22566044 +24565233 +24565032 +22848999 +22848777
JQ723039.1 Morchella sextelata WA (Mel-6) (official type MT)
KM587991 Morchella sextelata PNW
Morchella sextelata PNW02 WA iNat119488903
Morchella sextelata PNW02 WA iNat119489564
JQ723037.1 Morchella sextelata PNW02 OR
JQ723034.1 Morchella sextelata PNW02 (3 in ITS1 only)
JQ723036 Morchella sextelata PNW02 OR
JN085141 Morchella arbutiphila (Mel-30 official) Turkey
JN085130.1 Morchella fekeensis Mel-28
JN085122 Morchella magnispora (Mel-29 official) Turkey
Morchella cf brunnea WA Noah iNat119488642 (w/ Ceanothus odd habitat)
Morchella cf brunnea OR iNat24920317 (w/ conifers in a burn)
GU551422.1 Morchella brunnea (Mel-22) (official)
MH198753.1 Morchella cf brunnea OR JLF3287
AJ544203.1 Morchella cf brunnea BC
GQ304962 Morchella (merge Mel-23 sp./24 septentrionalis/31 pulchella/32 conifericola)
MH198756.1 Morchella aff brunnea OR JLF3842
Morchella aff brunnea CA Shasta iNat143264973
JQ321893 Morchella (Mel-33 official) China
JN085156.1 Morchella (Mel-21) Turkey/China
GU551411.1 Morchella (Mel-21 official) Japan
JQ723058 Morchella hispaniolensis (Mel-18 official) Dom Rep
GU551413.1 Morchella snyderi (Mel-12) (official)
GU551410.1 Morchella angusticeps (Mel-15) ENA (type NY)
JQ723061 Morchella purpurascens (Mel-20) China (=Mel-34)
JQ321896 Morchella (Mel-34 official) China (now =Mel-20)
KM588009 Morchella purpurascens (Mel-20) TYPE Fr (=Mel-34)
JQ723057 Morchella (Mel-17 official) China
GU551403 Morchella norvegiensis (=eohespera) (Mel-19) (official)
Morchella hotsonii np WA (MIXUP: perhaps iNat 24496243)
Morchella hotsonii np 43610 Danny s backyard (no photo)
JF319903.1 Morchella hotsonii np ID
JF319904.1 Morchella hotsonii np ID
JF319905.1 Morchella hotsonii np ID
JF319906.1 Morchella hotsonii np ID
JQ723033.1 Morchella populiphila (Mel-5) (official)
Morchella populiphila WA Beug iNat117267184
GQ304950.1 Morchella tomentosa (Mel-1) (official Kuo)
KM587964.1 Morchella tridentina EU (=frustrata CA) (Mel-2)
KM204685 Morchella frustrata OR (2-3/0 EU clade of tridentina no morph diff)
Morchella cf frustrata WA iNat 41693254 (dirty 5.8s 20/1/10)
black morels
JQ723134.1 Morchella rufobrunnea (official) (basal clade)
KM587992 M. americana 1 (=esculentoides/californica) TYPE MI (2 distinct outside ITS only per 2022)
Morchella esculenta (+crassipes) UNITE EUx162 MH982826
JQ723100.1 Morchella prava TYPE USA
KM587962 Morchella vulgaris (=dunensis w/ similar ITS) UNITE EUx133 (100 Beug White Salmon WA)
yellow morels
GQ119354.1 Kalapuya brunnea TYPE OR
GQ119352.1 Kalapuya aff brunnea OR (officially brunnea)
GQ119356.1 Leucangium carthusianum OR Trappe
GQ119358.1 Leucangium sp. MT-2010 OR
JQ723150.1 Disciotis PNW01 ID
Disciotis PNW01 WA Beug iNat116230659
JQ723149 Disciotis venosa EU (only UNITE)
AJ544207.1 Disciotis venosa EU (4/1)
JQ723136.1 Verpa bohemica SWE (Unite unanimous)
Verpa cf bohemica albino WA MO 277572
MF149035.1 Verpa aff bohemica (5/0) BC (MO 277119) (+OR MO 362309)
MH363718.1 Verpa conica PNW02 OR JLF3278 (MO 368366)
AJ544204.1 Verpa conica UNITE EU 1
Verpa conica PNW03 OR iNat159363178
JQ723141.1 Verpa conica UNITE EU 2
Verpa conica PNW01 WA Beug FLAS-F-61936
PEZIZA CF FIMETI (OUTGROUP)
0.10